

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

National Phase of PCT/GB03/005157

International Filing Date: 28 November 2003

Inventor: Robert WILSON

Title: *Nanoparticle Conjugates and Method of Production Thereof*

Priority: German Patent Application No. 0227738.2; filed 28 November 2002

INFORMATION DISCLOSURE STATEMENT

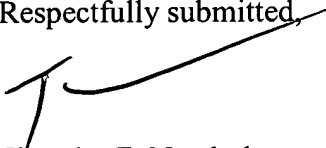
Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

This information disclosure statement is being submitted simultaneously with the filing of the above application under the provisions of 37 C.F.R. § 1.97 and § 1.98. Submission of copies of the cited U.S. patents and publications listed on the enclosed PTO-1449 is believed to be waived as a result of the PTO's Notice, dated June 30, 2003, waiving the submission requirement set forth in 37 CFR 1.98(a)(2)(i). The cited documents were cited during prosecution of the corresponding international application. As such, no translation is believed to be required. Enclosed are Form PTO-1449 and a copy of the listed documents.

The Examiner is invited to contact the undersigned if there are any questions.

Respectfully submitted,


Timothy E. Newholm
Registration No. 34,400

Dated: May 31, 2005

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Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	90/537164
		Filing Date	May 31, 2005
		First Named Inventor	Wilson
		Art Unit	Unassigned
		Examiner Name	Unassigned
Sheet	1	of	2
		Attorney Docket Number	833.010

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
	A1	US-5,945,293	8/31/1999	Siiman et al.	
	A2	US-6,048,515	4/11/2000	Kresse et al.	
	A3	US-2002/034827 A1	3/21/2002	Singh et al.	
	A4	US-2001/039060 A1	11/8/2001	Siiman et al.	
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
	B1	EP 0 317 796 A1	5/31/1989	Miles Inc.		Yes

Examiner Signature	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	107537164
		Filing Date	May 31, 2005
		First Named Inventor	Wilson
		Art Unit	Unassigned
		Examiner Name	Unassigned
(Use as many sheets as necessary)		Attorney Docket Number	833.010
Sheet	2	of	2

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	C1	Frazier, R.A. et al., "Characterization of protein-resistant dextran monolayers," Bimaterials, Elsevier Science Publishers BV., Barking, GB, vol. 21, no. 9, May 2000 (2000-05), pp. 957-966, XP004202462	Yes
	C2	Niemeyer, "Nanoparticles, proteins, and nucleic acids: Biotechnology meets material science," Angew. Chem. Int. Ed., vol. 40, 2001, pp. 4129-4158, XP002272753	Yes
	C3	Wilson, R., "Haptenylated mercaptodextran-coated gold nanoparticles for biomolecular assays," Chemical Communications (Cambridge, England), England 7 Jan 2003, no. 1, 7 January 2003 (2003-01-07), pp. 108-109, XP002272754	Yes
	C4	Zhao et al., "Differential Conjugation of Tat Peptide to Superparamagnetic Nanoparticles and Its Effect on Cellular Uptake," Bioconjugate Chem, 2002, 13, pp. 840-844	Yes
	C5	Bromberg, et al., "Bioactive Surfaces via Immobilization of Self-Assembling Polymers onto Hydrophobic Materials," Bioconjugate Chem., 1999, 10, pp. 678-686	Yes

Examiner Signature	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

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